

19971207.qrp v00_n932.qrs.971207

Date: Sun, 7 Dec 1997 19:03:09 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 932

QRP-L Digest 932

Topics covered in this issue include:

- 1) [32092] W2MBY fox
by Ronald Hands <rhands@hwcen.org>
- 2) [32093] Thanks for a very good first year
by "JakeCart" <JakeCart@ix.netcom.com>
- 3) [32094] KB7MBI fox
by Joel Malman <malman@BBN.COM>
- 4) [32095] FOX - KB7MBI
by gsurrency@juno.com (Gary Surrency)
- 5) [32096] Duo Fox
by Monte Stark <ku7y@sage.dri.edu>
- 6) [32097] Fox Spot
by "tom palmer" <n1tp@worldnet.att.net>
- 7) [32098] Re: FOX N/T Monday
by mikemo@ibm.net
- 8) [32099] RE: 160m test
by "david's" <elim@ime.net>
- 9) [32100] Re: KB7MBI fox
by "Jim Francoeur KC1FB" <jim_kc1fb@pipeline.com>
- 10) [32101] PixieII Help?
by JFelts4572 <JFelts4572@aol.com>
- 11) [32102] Re: KB7MBI FOX HUNT SCHED
by "Dean T. Miller" <dtmiller@dsminet.com>
- 12) [32103] Mondays fox.....from the black hole
by Walt Amos <wamos@ameritech.net>
- 13) [32104] Antenna Wire: Copper or ?
by Steve Galchutt <n0tu@webaccess.net>
- 14) [32105] N/T+ Foxhunt of 07 DEC 0000-0100 UTC
by ARDUJENSKI <ARDUJENSKI@aol.com>
- 15) [32106] Twas the night before Christmas...
by w4bws@juno.com (Donald E Sanders)
- 16) [32107] Morse Tutor Pgm
by Randy Hargenrader <randyh@harksystems.com>
- 17) [32108] 2n2222 audio
by Fran Flynn <fflynn@together.net>
- 18) [32109] 2n2222 audio (again!)
by Fran Flynn <fflynn@together.net>
- 19) [32110] Re: Twas the night before Christmas...

- by Chris Trask <ctrask@primenet.com>
- 20) [32111] Re: FOX N/T Monday
by dhlauten@juno.com (David H. Lauten)
- 21) [32112] Monday Fox
by n4js@pobox.com (John Sielke)
- 22) [32113] Re: Canada Mail Strike
by Robert Bayha <rbayha@ix.netcom.com>
- 23) [32114]
by "Juan Antonio Lopez, EA8QJ, EA-QRP # 196" <jalopezd@arrakis.es>
- 24) [32115] N/T+ Foxhunt of 07 DEC 0700-0800 UTC
by ARDUJENSKI <ARDUJENSKI@aol.com>
- 25) [32116] NJ-QRP December Website Highlites!
by "Heron, George" <G.Heron@dialogic.com>
- 26) [32117] Return of the Sixer??
by MNHopkins <MNHopkins@aol.com>
- 27) [32118] Lost NorCal Paddles
by flydnq7x@primenet.com (Floyd Smithberg)
- 28) [32119] SUMARIO QU-R-PE DIC 97
by "Juan Antonio Lopez, EA8QJ, EA-QRP # 196" <jalopezd@arrakis.es>
- 29) [32120] FS: 38 Special Kit & Norcal paddle kit
by D Bullard <dbullard@peachnet.campus.mci.net>
- 30) [32121] Re: ARRL '98 Handbook
by Henry Freedenberg <henryf@quartz.gly.fsu.edu>
- 31) [32122] Lightning preventatives (long)
by K5BDZ <K5BDZ@aol.com>
- 32) [32123] Polyphaser Corp./Lightning articles
by n4so@juno.com (charles k brown)
- 33) [32124] WAS, variations of that award, outside of the hobby
by wa5whn@juno.com
- 34) [32125] EEB in Vienna , Northern Va - going out of retail business
by krishna kumar <kkumar@mail.imake.com>
- 35) [32126] K0FRP 160 TEST
by AlK0FRP <AlK0FRP@aol.com>
- 36) [32127] Argh!!!!!!!!!!!!
by "Jim, Nancy, Juliann, Issei" <larsennc@alaska.net>
- 37) [32128] RE: Twas the night before Christmas... (long)
by Kevin Muenzler <wb5rue@stic.net>
- 38) [32129] CQ NC7W/Who worked NC7W during ARCI Fall QSO Party?
by "Kevin F. Glynn" <kfglynn@prodigy.net>
- 39) [32130] SWL WM20 to 17M conversion
by Steven Weber <kd1jv@moose.ncia.net>
- 40) [32131] 2n2222 audio amp jpeg
by Francis Flynn <fflynn@together.net>
- 41) [32132] Heathkit IG-102 Sig. Gen. Help Pse.
by JOppen6115 <JOppen6115@aol.com>
- 42) [32133] FS: Ten-Tec Argo 509
by Darrell Bellerive <Darrell_Bellerive@compuserve.com>

Date: Sat, 6 Dec 1997 19:02:18 -0500 (EST)
From: Ronald Hands <rhands@hwcen.org>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [32092] W2MBY fox
Message-ID: <Pine.GS0.3.96.971206190038.8781A-1000000@james.freenet.hamilton.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

He's on 7143 and coming in nicely here (2352Z) (with some QSB).
Go get 'im...

-- Ron VE3SP

Date: Sat, 6 Dec 1997 19:10:26 -0500
From: "JakeCart" <JakeCart@ix.netcom.com>
To: <qrp-l@lehigh.edu>
Subject: [32093] Thanks for a very good first year
Message-ID: <199712070009.SAA13883@dfw-ix2.ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Well, the Army-Navy game (go Army) marked my one-year anniversary on the ham bands. Its been a very good year, in large part because of the advice I've gotten from this group.

This year I worked and confirmed all states -- worked 48 QRP and confirmed 47. I worked all continents and confirmed 5 -- worked 4 QRP (picked up Ascension Island for Africa -- QRP -- last weekend).

Built 3 audio amps, a MRX-40, Tick Keyer and Pixie II. Been trying for my first QRPp homebrew QSO but haven't connected. Maybe I'll get lucky in Sunday's ARCI Homebrew Sprint.

Thanks to all and I wish you all a happy and healthy holiday season.

Jake [N4UY]

QRP-L #821, G-QRP #9557, AK/QRP #175, CQrp #46,

NJ-QRP #74, NorCal#1457, ARCI #9392, FISTS #3450

WAS QRP W/C 48/47 (need HI, and MS)

Date: Sat, 6 Dec 97 19:22:13 EST
From: Joel Malman <malman@BBN.COM>
To: qrp-l@Lehigh.EDU
Subject: [32094] KB7MBI fox
Message-ID: <199712070022.TAA85152@nss4.cc.Lehigh.EDU>

Alan, KB7MBI is also working out of the Fox den tonight ... I managed to nab a pelt on 7141.2 at 0010z

Condx to East Coast: Poor.

Your mileage may vary.

/joel wa1qvm wa1qvm@bbn.com (QTH: Concord, Massachusetts)

Date: Sun, 7 Dec 1997 05:28:38 -0700
From: gsurrency@juno.com (Gary Surrency)
To: qrp-l@Lehigh.EDU
Subject: [32095] FOX - KB7MBI
Message-ID: <19971207.052850.3438.13.gsurrency@juno.com>

Just worked him at 0026Z on 7140 khz. Nice S5 signal into Phoenix.

Go get him!

72,

AB7MY
Gary Surrency
Chandler, AZ (Near Phoenix), QRP-L #571, AZ ScQRPions, ARRL VE

Date: Sat, 06 Dec 1997 16:43:16 -0800
From: Monte Stark <ku7y@sage.dri.edu>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [32096] Duo Fox

Message-ID: <3489F124.4404@sage.dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi All,

Worked Alan at 0030z and John at 0033z.

Both had good sigs here. Alan was 559 and John 549.

Sure is fun to watch the code speeds come up during the fox hunts!

This Foxing is living proof that all you gotta do is learn to have fun
with CW and the speed just happenes!

Enjoy,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP QRCI #8829-----NorCal #330-----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Sat, 6 Dec 1997 07:56:45 -0500
From: "tom palmer" <n1tp@worldnet.att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [32097] Fox Spot
Message-ID: <19971207005640.AAA28476@default>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

W2MBY on 7.142.

Date: Sat, 06 Dec 1997 20:28:58 -0500
From: mikemo@ibm.net
To: dhlaute@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32098] Re: FOX N/T Monday
Message-ID: <3489FBDA.5FB@ibm.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

David H. Lauten wrote:

> My local interference has been found and removed. For at least the last
> two times I was a NT Fox my noise level was hovering at 20 over S-9.
> Well, a lighting arrestor on a nearby electric pole was hit by lightning
> and arching.

Wow, how did you find that???????

72 de kf4trd
Mike M.

Date: Sat, 6 Dec 1997 21:06:51 -0500
From: "david's" <elim@ime.net>
To: <qrp-l@Lehigh.EDU>
Subject: [32099] RE: 160m test
Message-ID: <001701bd02b4\$c93c8f40\$26c65ad1@default>
MIME-Version: 1.0
Content-Type: multipart/alternative;
 boundary="-----_NextPart_000_0014_01BD028A.DF93F500"

This is a multi-part message in MIME format.

-----_NextPart_000_0014_01BD028A.DF93F500
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Boy the Band is great tonight worked all the N.E. States and 15 others =
in only 45 mins with 3w to an inverted L.. get in there qrpers.
wish I could spend more time in the test But have to be to work in =
morning at 4am..
Have a good qrp weekend all
73 dave Kc1di

-----_NextPart_000_0014_01BD028A.DF93F500
Content-Type: text/html;
 charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

<!DOCTYPE HTML PUBLIC "-//W3C//DTD W3 HTML//EN">

<HTML>

<HEAD>

<META content=3Dtext/html; charset=3Diso-8859-1 =

http-equiv=3DContent-Type>

<META content=3D'"MSHTML 4.72.2106.6"' name=3DGENERATOR>

</HEAD>

<BODY bgColor=3D#ffffff>

<DIV>Boy the Band is great tonight worked =
all the=20

N.E. States and 15 others in only 45 mins with 3w to an inverted L.. get =
in=20

there qrpers.</DIV>

<DIV>wish I could spend more time in the =
test But=20

have to be to work in morning at 4am..</DIV>

<DIV>Have a good qrp weekend =
all</DIV>

<DIV>73 dave Kc1di</DIV>

<DIV> </DIV></BODY></HTML>

-----=_NextPart_000_0014_01BD028A.DF93F500--

Date: Sat, 6 Dec 1997 21:35:18 -0500

From: "Jim Francoeur KC1FB" <jim_kc1fb@pipeline.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [32100] Re: KB7MBI fox

Message-ID: <199712070234.VAA06450@camel8.mindspring.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

Got him at 0054z. My first N/T fox this year, so I think the prop to East
coast was the best ever!

Never heard the closer N/T fox 8(

Jim KC1FB

From: Joel Malman <malman@BBN.COM>

To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>

Subject: KB7MBI fox

Date: Saturday, December 06, 1997 7:22 PM

Alan, KB7MBI is also working out of the Fox den tonight ... I managed to nab a pelt on 7141.2 at 0010z

Condx to East Coast: Poor.

Your mileage may vary.

/joel wa1qvm wa1qvm@bbn.com (QTH: Concord, Massachusetts)

Date: Sat, 6 Dec 1997 21:58:48 EST
From: JFelts4572 <JFelts4572@aol.com>
To: qrp-1@lehigh.edu
Subject: [32101] PixieII Help?
Message-ID: <c72b5f5.348a10ea@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

I'm building a Pixie 2 anybody got the details for the 40m version handy? I need the coil data! What torroid, how many turns? Also need c5 & c7 values.

Jerry

Date: Sat, 6 Dec 1997 21:13:41 (-0500
From: "Dean T. Miller" <dtmiller@dsmnet.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, ARDUJENSKI@aol.com
Subject: [32102] Re: KB7MBI FOX HUNT SCHED
Message-ID: <199712070313.VAA05145@dsm7.dsmnet.com>

Hi Alan,

> Date: Sat, 6 Dec 1997 11:43:32 EST
> From: ARDUJENSKI <ARDUJENSKI@aol.com>

> SAT NITE: 1600-1700 PST (0000-0100 UTC SUNDAY 07 DEC) 7.115 or 7.14 If
> conditions are good I will continue for another hour.

You've had the strongest Fox signal I've heard this season. You were peaking over S9. It's weird that I heard no fox hunters at all.

-- Dean -- from Des Moines (KB0ZDF)

Date: Sat, 06 Dec 1997 20:02:26 +0000
From: Walt Amos <wamos@ameritech.net>
To: Qrp-l <qrp-l@Lehigh.EDU>
Subject: [32103] Mondays fox.....from the black hole
Message-ID: <3489AF52.2B22@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I will be mondays fox

Starting at 9 mp EST or

0200 GMT TUESDAY December 9

SIERRA @ 2 watts and VERTICAL GP with 4 40m radials

Call K8CV

Frequency 7.041 for starters + / - qrm or 7.037

Good luck

Walt k8cv

Date: Sat, 06 Dec 1997 20:47:39 -0700
From: Steve Galchutt <n0tu@webaccess.net>
To: "\"Low Power Amateur Radio Discussion\" \" <qrp-l@lehigh.edu>
Subject: [32104] Antenna Wire: Copper or ?
Message-ID: <348A1C5B.14FA@webaccess.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Some one once said "When the student is ready to learn the teacher will appear"...Well, this student is all ears and ready!

My Query is...If you put up two identical antennas, same height, same size, same wire size, same type of feed line, all things being equal except one's elements were made of solid steel wire and the other was made of copper or copper/clad steel. Could you "really" tell the

difference? Could you measure the difference? Could you hear the difference?

The reason I ask is... I just finished putting up a 1000' horizontal loop @ 25-40' using #20 steel wire (maybe a mistake using steel?). I feed the loop w/100' of 300 ohm twinlead to a tuner in the shack.(I do plan to replace the twin lead w/450 ohm O.W. down the road). I used the steel wire for 2 reasons...strength and I already had it. It's actually what they call Mechanic's wire with a blacken finish on it. The reason for the small size is low visibility (stealth)! It seems to hear quite good on 30m and and up. But on 40m it doesn't seem to do as well as the vertically polarized 40m delta loop @ 40' w/200' of twinlead. I haven't listened below 40m yet as I don't have anything currently that goes down there yet. BTW the delta loop is made from #18 stranded SS Teflon coated. Some other interesting data is I measured the big loop's resistance with a DVM and it's high!...almost 900 ohms! My delta loop cut for 40m measures in at 65 ohms. I know these measurements are strictly DC measurements and have little to do w/RF(I think). But I also noticed in the ARRL Handbook that copper verses steel in ohms per foot the ratio is 1 to 12. Does the ohms per foot have any affect at RF? I noticed that aluminum is pretty close to copper in terms of ohms per foot! I do have about a 1/4 mile of aluminum #17 electric fence wire would this be better than the steel from an RF point of view??? Or will the steel wire be OK? Or would it really be "worth" the trouble to go w/copper clad steel? What about stranded copper...how does it compare to solid??

the student is listening... (but with a steel antenna)

--

CUL Steve/n0tu . .

Solar powered QRP

Camping in Monument, CO....email:N0TU@webaccess.net

Date: Sat, 6 Dec 1997 22:49:44 EST
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [32105] N/T+ Foxhunt of 07 DEC 0000-0100 UTC
Message-ID: <2efa744a.348a1cdd@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

INTERESTING SPREAD...Right across the country...I am still a little black and blue from some local stations. Did I miss some of you???

Please note any corrections.

N/T+ Foxhunt of 07 DEC 0000-0100 UTC:

TIME	STATION	NAME	STATE	RST(S)/(MY)	QRP-L	PWR
0004	VE5WF		EARL SK	559/559		
	5W					
0010	WA1QVM	JOEL	MA	339/339		4W
0020	NI0A	JOHN	MN	339/339		
0026	AB7MY		GARY AZ	339/449		
	5W					
0033	KU7Y	RON	NV	559/559		5W
0040	KK7GW		DAVID	WA 339/539		
	4W					
0050	N1TP	TOM	FL	339/	incomplete almost	though
0055	KC1FB		JIM	CT 559/559		29
	5W					
0058	KB0ZDF		DEAN IA	339/599	916	
	4W					

Station: KB7MBI

FREQ:..... 7.141

RIG:..... EMTECH NW8020 (40M) and filter

PWR:..... 5W

ANT:..... DOUBLE-ZEPP (N-S) up 50 ft

Date: Sat, 06 Dec 1997 22:55:12 EST

From: w4bws@juno.com (Donald E Sanders)

To: QRP-L@lehigh.edu

Subject: [32106] T'was the night before Christmas...

Message-ID: <19971207.000950.14239.4.W4BWS@juno.com>

Gang I hope you all enjoy this seasonal message.

Donald E. Sanders W4BWS

694 E. Eau Gallie Blvd. Satellite Beach, FL 32937

407-779-0222 Fax 407-779-0830

E-mail to w4bws@juno.com

My favorite QRP rig glows in the dark

----- Begin forwarded message -----

T'was the night before Christmas,

And all through two-meters,
Not a signal was keying up
Any repeaters.

The antennas reached up
From the tower, quite high,
To catch the weak signals
That bounced from the sky.

The children, Tech-Pluses,
Took their HT's to bed,
And dreamed of the day
They'd be Extras, instead.

Mom put on her headphones,
I plugged in the key,
And we tuned 40 meters
For that rare ZK3.

When the meter was pegged
by a signal with power.
It smoked a small diode,
and, I swear, shook the tower.

Mom yanked off her phones,
And with all she could muster
Logged a spot of the signal
On the DX PacketCluster,

While I ran to the window
And peered up at the sky,
To see what could generate
RF that high.

It was way in the distance,
But the moon made it gleam -
A flying sleigh, with an
Eight element beam,

And a little old driver
who looked slightly mean.
So I thought for a moment,
That it might be Wayne Green.

But no, it was Santa
The Santa of Hams.
On a mission, this Christmas

To clean up the bands.

He circled the tower,
Then stopped in his track,
And he slid down the coax
Right into the shack.

While Mom and I hid
Behind stacks of CQ,
This Santa of hamming
Knew just what to do.

He cleared off the shack desk
Of paper and parts,
And filled out all my late QSLs
For a start.

He ran copper braid,
Took a steel rod and pounded
It into the earth, till
The station was grounded.

He tightened loose fittings,
Re soldered connections,
Cranked down modulation,
Installed lightning protection.

He neutralized tubes
In my linear amp...
(Never worked right before --
Now it works like a champ).

A new, low-pass filter
Cleaned up the TV,
He corrected the settings
In my TNC.

He repaired the computer
That would not compute,
And he backed up the hard drive
And got it to boot.

Then, he reached really deep
In the bag that he brought,
And he pulled out a big box,
"A new rig?" I thought!

"A new Kenwood? An Icom?

A Yaesu, for me?!"
(If he thought I'd been good
it might be QRP!)

Yes! The Ultimate Station!
How could I deserve this?
Could it be all those hours
that I worked Public Service?

He hooked it all up
And in record time, quickly
Worked 100 countries,
All down on 160.

I should have been happy,
It was my call he sent,
But the cards and the postage
Will cost two month's rent!

He made final adjustments,
And left a card by the key:
"To Gary, from Santa Claus.
Seventy-Three."

Then he grabbed his HT,
Looked me straight in the eye,
Punched a code on the pad,
And was gone - no good bye.

I ran back to the station,
And the pile-up was big,
But a card from St. Nick
Would be worth my new rig.

Oh, too late, for his final
came over the air.
It was copied all over.
It was heard everywhere.

The Ham's Santa exclaimed
What a ham might expect,
"Merry Christmas to all,
And to all, good DX."

(C) 1996 Gary Pearce KN4AQ
Permission to reprint on paper or electronically
is granted, with credit to the author.

-----End forwarded message-----

-- Merry Xmas to All !!!

W4BWS

Date: Sat, 06 Dec 1997 23:16:44 -0500
From: Randy Hargenrader <randyh@harksystems.com>
To: qrp-l@lehigh.edu
Subject: [32107] Morse Tutor Pgm
Message-ID: <348A232C.7E11@harksystems.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gang,

While I anxiously await the arrival of one of the new Compaq C120+'s from somewhere(!)(I'm still looking!) I gotta tell you about my HP200LX's latest "feature". The '200 is a DOS version (spelled "earlier") of the new CE compatible palmtops and runs DOS programs. I found a "Morse Tutor" program in my archives that is about 74K in size and runs great on the 'lil palmtop! So when I'm not poking around in my scheduler or Lotus spreadsheets I can sharpen the ol' CW decipherin portion of my brain. I originally found the pgm up on AOL in the ham area. Just thought I'd share that tidbit with you folks that's got a palmtop. Sure beats playing mine warfare or whatever...

--

73, Randy WJ4P

Knightlites QRP-L #296

Date: Sun, 7 Dec 1997 00:00:27 -0500 (EST)
From: Fran Flynn <fflynn@together.net>
To: qrp-l@Lehigh.EDU
Subject: [32108] 2n2222 audio
Message-ID: <199712070500.AAA11223@sequoia.together.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here's a little 2n2222 audio amp that will drive a small speaker with about 100mw. I'm working on a transceiver design for 15m CW, using all 2n2222's of course.

I am shooting for a superhet rx with VFO, but it may just become direct conversion with VXO. It was supposed to be simple, right?

If anybody wants to share some more ideas, I'm brainstorming just how to key the trans and mute receive audio.

[illegible]

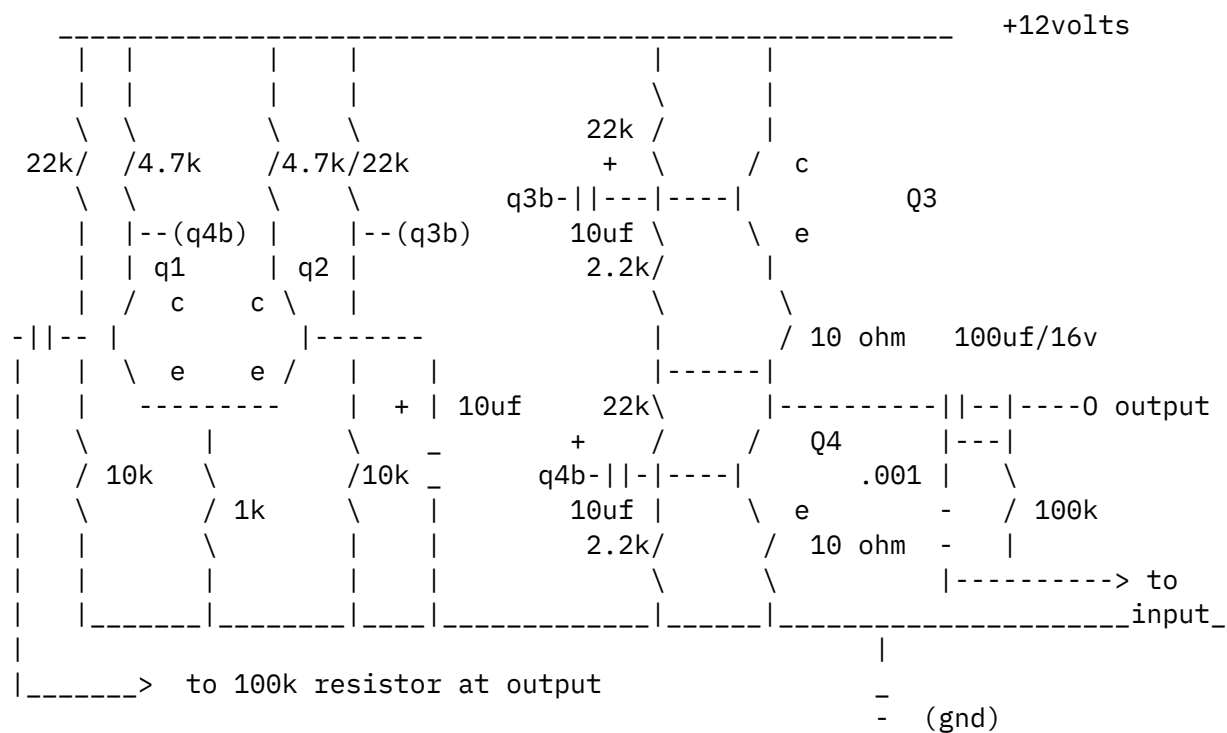
```
fflynnattogetherdotnet
(email address rearranged to foil spambots)
Francis Flynn
Ham Radio callsign:KM1Z
```

Date: Sun, 7 Dec 1997 00:42:10 -0500 (EST)
From: Fran Flynn <fflynn@together.net>

To: qrp-1@Lehigh.EDU
Subject: [32109] 2n2222 audio (again!)
Message-ID: <199712070542.AAA17223@sequoia.together.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

00PS! I FORGOT SOMETHING!

The coupling capacitor to the speaker can be any value between 47 and 1000 uf, at 16 or more volts. 100 uf works fine.



fflynnattogetherdotnet
(email address rearranged to foil spambots)
Francis Flynn
Ham Radio callsign:KM1Z

Date: Sat, 6 Dec 1997 23:04:29 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Donald E Sanders <w4bws@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [32110] Re: Twas the night before Christmas...
Message-ID: <Pine.BSI.3.96.971206230250.15619B-100000@usr09.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 6 Dec 1997, Donald E Sanders wrote:

> Gang I hope you all enjoy this seasonal message.

```
>           T'was the night before Christmas,  
>  
>           And all through two-meters,  
>           Not a signal was keying up  
>           Any repeaters.  
>  
> .  
> .  
> .  
>           The Ham's Santa exclaimed  
>           What a ham might expect,  
>           "Merry Christmas to all,  
>           And to all, good DX."  
>
```

Absolutely wonderful!

```

      ,-----'
    /   What's all this   \
  /   extinct stuff, anyhow?  /
 \   -----,-----'
_ ||/
oo\
(--) \
     \   . ' ' .
     \   \   \   \
     \   ' "   \   \
     \           \   \
     .             ( ) \
     '-| | ) _ :. \
       | | | | \ '
       c__; c__; '...'>._

```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
ORP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Sun, 07 Dec 1997 03:32:49 EST
From: dhlauten@juno.com (David H. Lauten)
To: mikemo@ibm.net, QRP-L@Lehigh.EDU
Subject: [32111] Re: FOX N/T Monday
Message-ID: <19971207.033459.7879.0.DHLAUTEN@juno.com>

Mike,

Our electric company, Santee Cooper, has an interference specialist who happens to be a local ham. He had equipment that enabled him to locate the particular pole in question and then the line crew found and replaced the arching lighting arrestor.

Thanks!

72 de David, KF4HAW

On Sat, 06 Dec 1997 20:28:58 -0500 mikemo@ibm.net writes:

>David H. Lauten wrote:

>

>> My local interference has been found and removed. For at least the
>last

>> two times I was a NT Fox my noise level was hovering at 20 over S-9.

>> Well, a lighting arrestor on a nearby electric pole was hit by

>lighting

>> and arching.

>

>Wow, how did you find that???????

>

>72 de kf4trd

>MIke M.

>

Date: Sun, 07 Dec 1997 09:09:39 GMT
From: n4js@pobox.com (John Sielke)
To: qrp-l@Lehigh.EDU
Subject: [32112] Monday Fox
Message-ID: <348b66fe.11542397@mail.cyberenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Will miss the fox Monday night as I have to work. With that blasted 0200 start time, wouldn't hear him here anyway, so no great loss.=20

This will be the LAST kit, until the K2 comes out. (Early New Year's Resolution).

Geeeezzz....

And I thought only the U.S. Government was nuts!!!!

72,

Bob, KF6HXS

Date: Sun, 07 Dec 1997 11:41:13 +0000
From: "Juan Antonio Lopez, EA8QJ, EA-QRP # 196" <jalopezd@arrakis.es>
To: "Juan Antonio Lopez, EA8QJ, EA-QRP # 196" <jalopezd@arrakis.es>
Message-ID: <3.0.32.19971207113917.007f3250@pop.arrakis.es>

Mime-Version: 1.0
Content-Type: text/enriched; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Apreciados amigos/as:

Permítanme llamar vuestra atención acerca del
SUMARIO del próximo Boletín QR-R-PE de este
mes de Diciembre que recibireis en breve.

<paraindent><param>left</param>Portada (foto grupo en Mercaradio 97)

Editorial

=BFQue hace cada uno?

Nuevos socios

Mercaradio 97 y Asamblea de Socios del EA QRP Club 97

Generador de Radiofrecuencia

Filtros

Mini Convención del G-QRP Club

CW con portátil de 2 metros

Medidor de ROE y Vatímetro

Rayos y Radio

Antena para 21 Mhz

El Malta una vez más

NN1G 30 metros

Libros

SSB

Un gran amigo

Principiantes

Mercadillo

Noticias Ideas practicas

Onda corta

Relaciones y Desarrollo

</paraindent>Un cordial saludo y, hasta pronto

(SIN TILDES)

Juan Antonio, EA8QJ, EA-QRP # 196

EA-QRP Club - Relaciones y desarrollo

mailto:jalopezd@arrakis.es

EA-QRP Club Web Site: <http://www.eaqrp-c.arrakis.es>

Date: Sun, 7 Dec 1997 09:44:15 EST
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [32115] N/T+ Foxhunt of 07 DEC 0700-0800 UTC
Message-ID: <25c621ca.348ab641@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=ISO-8859-1
Content-transfer-encoding: quoted-printable

While most of the hounds were tucked snug in their beds two managed to get out=0Ato take a nip of the old fox as he was sitting in the moonlight. = Friday nite=0Athe band didn=92t seem to want to shut down; tonite you could get a hernia=0Astraining to hear a sig. I tried a few times at 7.14 but nobody was even home=0Aup there.=0A=0AThanks guys for coming out tonite=. Earl that makes two nips today...ouch! Joe,=0Awhat a signal!=0A=0APlease note any corrections.=0A=0AN/T+ Foxhunt of 07 DEC 0700-0800 UTC:=0A=0ATIME=09STATION=09NAME=09STATE=09RST(S)/(MY)=09 =09PWR=0A=0A0705=09VE5WF=09=09EARL=09SK=09=09339/449=09=09=095W=0A0726=09AB7TT=09=09JOE=09AZ=09=

=09599/559=09=09=095W=0A=0AStation: =09KB7MBI=09=0AFREQ:..... =097.115=0A=RIG..... =09EMTECH NW8020 (40M) and filter=0APWR.....=095W=0AANT:..=....=09DOUBLE-ZEPP (N-S)up 50 ft =0A

Date: Sun, 7 Dec 1997 10:06:49 -0500
From: "Heron, George" <G.Heron@dialogic.com>
To: QRP-L <qrp-l@Lehigh.EDU>, NJQRP <NJQRP@njqrp.org>, LIQRP <liqrp@waterw.com>
Subject: [32116] NJ-QRP December Website Highlites!
Message-ID: <DF8C9288E968D011A5950060972035B10286A5FB@mailnj.dialogic.com>
MIME-Version: 1.0
Content-Type: text/plain

Howdy Gangs!

The December updates for our NJ-QRP "Online Journal" are now ready! You can see them at <http://www.njqrp.org>.

This month brings a couple of real interesting additions. Most notably, Joe Everhart N2CX has agreed to start bringing some of his "Joes Quickies" tips & techniques that have been published over the years in Mike C's regular "Idea Exchange" column of QRP Quarterly. This month Joe supplies four quickies selected especially for those into NorCal's 2222 design/building contest.

Here are the highlights listed on our Journal's cover page ...

- 1) We're introducing "Joe's Quickies" this month! Get some great pointers here for the 2222 Contest.
- 2) Our Doghouse Sprint was lots o' fun! See prelim scores and a number of soapboxes already submitted!
- 3) Progress seen on our Pixie-II ... the winter project (and "Shhhh... no talk about the NJQRP net yet :-)
- 4) N2CQ has supplied some updates for December contesting;
- 5) See N2WF's outstanding brass NorCal Paddles in the Member Projects pages;
- 6) Bob KB2SGM provides some great updates and pics in his section of the Member Profiles page;
- 7) We've joined a "huge links" service from NoBARC that provides us hundreds of current QRP and Ham website links ... check it out!

Topics coming soon:

- Contest Logger reviews & Reference page,
- Club Logo Contest
- Special offer for "Joy of QRP"
- NJ-QRP Bulletins

- 2222 in 2-Land
- 110th member joins!

Hope you enjoy our Online Journal this month!

72,
George Heron, N2APB
for the NJ-QRP Club

Date: Sun, 7 Dec 1997 10:17:42 EST
From: MNHopkins <MNHopkins@aol.com>
To: QRP-L@Lehigh.EDU
Cc: Smirk@qth.net, kevin.reeves@JUNO.com, kbritain@johnstontech.com
Subject: [32117] Return of the Sixer??
Message-ID: <620d73dd.348abe18@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

It should not pass our notice that December's QST, p11 has an article:

"An Ultra-Simple Receiver For 6 Meters"

by Kitchin, N1TEV, the preimminent authority on regenerative RXs who wrote the 20-page article on the subject in the Fall '95 Communications Quarterly and designed the RX in the '95 and after Handbook.

This circuit, using just two FETs and a '386, tunes the entire band for FM, AM, CW and SSB. Given its arrival with the returning sunspots, could this be the next Heath Sixer or Frank Jones 5M Transceiver -- rigs that populated the VHF bands? Kanga has a \$30 6M TX kit that is stone reliable and the Universal TX from Solid State Design for the Radio Amateur works FB on 6, so all that is missing is an approachable RX for those not inclined to the Ten-Tec transverter.

I summarized the parts list during a Christmas Party last night and it looks like I have them all if I steal a '386 from one of the kids.

73 de ab5L, michael in dallas, student of Tecraft and International (ICM) ham products and mementoes of Six Meters' Golden Age: 1957-58
Michael Hopkins
Box 226841
Dallas, TX 75222 MNHopkins@AOL.com

Date: Sun, 07 Dec 1997 08:27:47 -0700
From: flydnq7x@primenet.com (Floyd Smithberg)
To: azqrp@user1.dancris.com, qrp-1@Lehigh.EDU
Subject: [32118] Lost NorCal Paddles
Message-ID: <199712071538.IAA01063@smtp02.primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

My unfinished but built and operating NorCal paddles were on display at the Mesa Hamfest Saturday but couldn't be found after we had packed up and all adjourned to el Mesquite for lunch. They may have inadvertantly been picked up...if they show up, please let me know.

73 Floyd NQ7X Phoenix ScQRPion DM33uq QRP-L 343
ARRL ARCI G-QRP NORCAL DX WRKD HF=324 SAT=101 QRP=103

Date: Sun, 07 Dec 1997 15:40:36 +0000
From: "Juan Antonio Lopez, EA8QJ, EA-QRP # 196" <jalopezd@arrakis.es>
To: qrp-1@Lehigh.EDU
Subject: [32119] SUMARIO QU-R-PE DIC 97
Message-ID: <3.0.32.19971207152257.007ed830@pop.arrakis.es>
Mime-Version: 1.0
Content-Type: text/enriched; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Saludos a todos/as:

Permintanme llamar vuestra atencion enviandoles

como avance el contenido del Boletin QU-R-PE

de este mes de Diciembre 97

<paraindent><param>left</param>SUMARIO

Portada (foto de grupo en MERCARADIO 97)

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(SIN TILDES)

Juan Antonio, EA8QJ, EA-QRP # 196

EA-QRP Club - Relaciones y desarrollo

mailto:jalopezd@arrakis.es

EA-QRP Club Web Site: <http://www.eaqrp-c.arrakis.es>

Date: Sun, 7 Dec 1997 11:13:34 -0500 (EST)
From: D Bullard <dbullard@peachnet.campus.mci.net>
To: qrp-1@Lehigh.EDU
Subject: [32120] FS: 38 Special Kit & Norcal paddle kit
Message-ID: <199712071613.LAA04698@aus-f.mp.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

For Sale:

38 Special Kit. Parts were inventoried and repacked.

\$28 includes shipping within U.S.

Norcal Paddle Kit. I ordered two and will only build one.

\$35 includes shipping within U.S.

Merry Christmas to the list. I have been on the QRP list continuously since October 1994 and it just keeps getting better. Thanks!

72,

Don WA4IML Winterville, Georgia

Date: Sun, 07 Dec 1997 11:14:25 -0500
From: Henry Freedenberg <henryf@quartz.gly.fsu.edu>

To: adams@chuck.dallas.sgi.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [32121] Re: ARRL '98 Handbook
Message-ID: <348ACB61.334D@quartz.gly.fsu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Chuck Adams wrote:

> In the same issue is another article on "A Computer Keyboard
> CW Encoder" by Ron Alspaugh, W6NKS.

I like the keyboard article also. The memory capacity seemed kind of slim though.
it may be worthwhile for someone to modify the circuit for extra type ahead and RAM.
Also, the circuit requires a programmed chip. Maybe FAR or one of the other suppliers can put together a complete parts kit for sale?

Henry

Date: Sun, 7 Dec 1997 11:53:02 EST
From: K5BDZ <K5BDZ@aol.com>
To: K5BDZ@aol.com, qrp-1@Lehigh.EDU
Subject: [32122] Lightning preventatives (long)
Message-ID: <620da4db.348ad471@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Lightning will hit where and when it chooses. The most we can do is to take all precautions to prevent static buildup that might encourage lightning to hit us rather than another nearby location.

Sharp points more freely discharge static electricity, thus prevent building up static charges "waiting to be released." Round or blunt surfaces do not freely discharge static electricity, thus allow static buildups. Just look at the lightning rods on old houses or tall buildings in your area.

The following is NOT designed to replace good heavy ground wire connections to towers and antennae in the event of a strike! It is intended to aid in PREVENTING static build up in the first place so that good ground wire connection won't be tested by Mother Nature's BOOM BOOM Nephew.

Ways to incorporate sharp points in our antenna and tower installations:

1. Use metal (stainless preferably) bottle-brushes stuffed inside and flush with ends of beam elements, vertical top tubing, or other tubular antenna elements.
2. Replace metal ball stainless whip tips with plastic ball (for safety on ground or work) to allow sharper metal whip end to release static charges rather than build up as with metal ball tip.
3. Install safety pins at high levels on towers, antennas, etc. by putting screw through eye of safety pin. When through working with area, open safety pin, thus allowing sharp point to diffuse static electricity. Any piece of wire so designed will also work, and aluminum or galvanized wire won't rust, etc.
4. Sharp points may be mounted on inside areas of tower, beam, antenna, at top level for safety purposes to keep people from "snagging" on them and causing injury.
5. You get the idea. Use your imagination now that you know why and how.

Remember, Coax shield and inner conductor are connected to two different -separate- parts of any antenna. In most cases there is no continuity between them, or if so, it is only a small choke (i.e. commercial verticals) to minimize static electricity, and not lightning hits. THEREFORE, our lightning arrester safety systems must include and deal with both shield and center conductor.

In 25 years of having a 40 foot high tower with 3 el triband beam on top, and occasional chimney mounted vertical, both with above static discharge preventatives installed, I have been damaged by lightning only twice - and not from direct hits to my system. Both occasions were nearby hits to neighbors houses with discharge coming down power lines and arcing to my guy wires some 20 feet from the power lines, and into my system, greatly attenuated but damaging none the less. One of these attenuated strikes arced another 20 feet to my roof mounted R5 vertical and exploded the matching circuit plastic box housing, with pieces flying 100 feet in all directions.

Where did lightning main strike hit? Twice was about 150 feet away at neighbor's second story eve peak (at 26 feet height), causing fire both times. No antenna or other attraction involved, just metal flashing around roof. Three other nearby direct hits were 350 feet away, where direct hits to chimney with metal "cap" drew lightning hits, and in all three instances, blew bricks from chimney all over their yard. In each instance chimney was built back with metal "cap" installed. No antennas of any type were on either house.

Good Luck and use your imagination.

Date: Sun, 07 Dec 1997 11:55:56 EST
From: n4so@juno.com (charles k brown)
To: qrp-1@Lehigh.EDU
Subject: [32123] Polyphaser Corp./Lightning articles
Message-ID: <19971207.165528.4375.9.n4so@juno.com>

These companies often have free articles or free instruction sheets that they will mail to you; or with Web access you can print out the ham equipment protection articles.

I need the exact URL to get the two articles- "Ham Radio Station Protection"; can someone access the "Striking News" and then access the two articles and read off the exact document name? I use a Web access service to have it sent to me. It requires the exact .html document name.

PolyPhaser Corporation
PO Box 9000
Minden, NV 89423-9000
tel 702-782-2511

Note: Many lightning protection products for feed lines, towers, equipment, etc

<http://polyphaser.com/>

"Ham Radio Station Protection" 2 articles

Ken Brown, N4SO
QTH nr Mobile, AL/ EM50tk
qrp-1 #622
n4so@juno.com

Date: Sun, 7 Dec 1997 10:18:34 -0700
From: wa5whn@juno.com
To: qrp-1@Lehigh.EDU
Cc: vole@primenet.com
Subject: [32124] WAS, variations of that award, outside of the hobby
Message-ID: <19971207.101839.10374.2.wa5whn@juno.com>

qrp-1ers,

WAS takes on a whole different meaning. Walked_All_States ? (Hiking up

to all of the highest points, in all 50 States) Evidently, there are others out there, who take this awards stuff seriously, outside of the QRP hobby. Click on the awards @ the following URL;

<http://www.cris.com/~Mfedor/statehps/guestbook/guestbook.shtml>

How about this for a variation on WAS ? Worked_All_States (QRP), from all the highest points in all 50 States ? Who wants Alaska (Mt. McKinley) ? Walked & Worked_All_States (QRP), now there is a challenge. ;-)

Here is where that fine training from FYBO pays off. Working with itty-bitty radios, that drift more than 1KHz in less than a few minutes in cold wx.

FYBO, Feb., '98, think of it as a practice run for Worked_All_Peaks (highest ones in all 50 States, void where prohibited by law). This way, You can obtain Your' WAP/WAS award (QRP). ;-)

Has anyone read the latest issue of "CQ VHF" (Dec., '97 issue, page 6, photo) ? A QRP 411 GHz transverter, designed by DB6NT.

Happy Chanukah & Merry Christmas...Jay, WA5WHN
DM65qd Albuquerque, NM USA

Date: Sun, 07 Dec 1997 13:02:03 -0500
From: krishna kumar <kkumar@mail.imake.com>
To: qrp-1@Lehigh.EDU
Subject: [32125] EEB in Vienna , Northern Va - going out of retail business
Message-ID: <348AE49A.7C572B87@imake.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi guys,

Just visited the shop on saturday. Some stuff is on sale as the shop has planned to stay away from retail radio business. Its a big disappointment, since thats one place where one can meet other hams and also a place to hang around. Looks like poor returns in the retail

division is the factor contributing to this decision. Any way, every one
have a good Dx.
72's de w4/vu2vku
krish

Date: Sun, 7 Dec 1997 13:07:57 EST
From: ALK0FRP <ALK0FRP@aol.com>
To: QRP-L@Lehigh.EDU
Subject: [32126] K0FRP 160 TEST
Message-ID: <bc3304a7.348ae5ff@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

WOW
MAJOR SETBACK , FRIDAY NITE COULD NOT MAKE A CONTACT. SWR WAS 1:1 AT 1840 RIG
AT 5W ????
WHEN CALLING CQ COMBACK STNS WERE 1.25KHZ AWAY ????
GOT MY SIERRA OUT AND SURE ENOUGH THE XMIT WAS 1.25 KHZ OFF OF RECIEVE FREQ.
WENT TO THE TS-850 MANUAL , NO LUCK IN FINDING THE ADJUSTMENT. LOST PRIME HOUR
FRIDAY NITE.
GOT ON SAT MORN AND SAT NITE USING RIT AT 1.25 KHZ OFFSET.
HAD 7 HOURS OF OPERATING TIME.
243 Q'S 58 SECTIONS 28,188 PTS
GOT KL7 AND KH6 NO JA'S SUNDAY MORNING ON 1910.
THE EAST COAST WAS VERY WEEK THIS YEAR , COULD BE MY ANTENNA WAS SLOPED EAST
THEN SOUTH INSTEAD OF STRAIGHT EAST. ????

THIS IS MY FIRST ATTEMPT AT QRP 160 , NOT BAD COULD CQ AND HOLD A FREQ AND RUN
STATIONS.

T00000

Date: Sun, 07 Dec 1997 11:52:42 -0900
From: "Jim, Nancy, Juliann, Issei" <larsennnc@alaska.net>
To: qrp-l@Lehigh.EDU
Subject: [32127] Argh!!!!!!!!!!!!
Message-ID: <348B0C9A.476A@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Here I sit with a blistering pace of 3 QSOs per 45 minutes. I am going to go hand some blinds on the windows for a while. Maybe things will improve.

73, Jim, AL7FS

--

Jim Larsen, ex-WA0LPK
Acupressure Anchorage
ECKANKAR
Vision Recumbent
Anchorage, Alaska

Date: Sun, 7 Dec 1997 15:17:00 -0600
From: Kevin Muenzler <wb5rue@stic.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "'w4bws@juno.com'"
<w4bws@juno.com>
Subject: [32128] RE: Twas the night before Christmas... (long)
Message-ID: <01BD0323.2B4F5500@SA5399-8-45.stic.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

A VISIT FROM ST. NICHOLAS
FOR READERS IN THEIR 23RD YEAR OF SCHOOLING

'Twas the nocturnal segment of the diurnal period preceding the annual yuletide celebration, and throughout our place of residence, kinetic activity was not in evidence among the possessors of this potential, including that species of domestic rodent known as *Mus musculus*. Hosiery was meticulously suspended from the forward edge of the wood-burning caloric apparatus, pursuant to our anticipatory pleasure regarding an imminent visitation from an eccentric philanthropist among whose folkloric appellations is the honorific title of St. Nicholas.

The prepubescent siblings, comfortably ensconced in their respective accommodations of repose, were experiencing various subconscious visual hallucinations of variegated fruit confections moving rhythmically through their cerebra. My conjugal partner and I, attired in our nocturnal cranial coverings, were about to take slumbrous advantage of the hibernal darkness when upon the avenaceous exterior portion of the grounds there ascended such a cacophony of dissonance that I felt compelled to arise with alacrity from my place of repose for the purpose of

ascertaining
the precise source thereof.

Hastening to the casement, I forthwith opened the barriers sealing the fenestration, noting thereupon that the lunar brilliance without, reflected as it was on the surface of a recent crystalline aqueous precipitation, might be said to rival that of the solar meridian itself -- thus permitting my incredulous optical sensor to peruse a miniature airborne runnered conveyance drawn by an octet of diminutive specimens of the genus Rangifer, piloted by a miniscule, aged chauffeur so ebullient and nimble that it became instantly apparent to me that he was indeed our anticipated caller. With his undulate motive power traveling at what may possibly have been more vertiginous velocity than patriotic alar predators, he vociferated loudly, expelled breath musically through contracted labia, and addressed each of the octet by his or her respective cognomen... "Now Dasher, now Dancer..." et al. -- guiding them to the uppermost exterior level of our abode, through which structure I could readily distinguish the concatenations of each of the 32 cloven pedal extremities.

As I retracted my cranium from its erstwhile location, and was performing a 180-degree pivot, our distinguished visitant achieved -- with utmost celerity and via a downward leap -- entry by way of the smoke passage. He was clad entirely in animal pelts soiled by the ebon residue from the oxidations of carboniferous fuels which had accumulated on the walls thereof. His resemblance to a street vendor I attributed largely to the plethora of assorted playthings which he bore dorsally in a commodious cloth receptacle.

His orbs were scintillant with reflected luminosity, while his submaxillary dermal indentations gave every evidence of engaging amiability. The capillaries of his molar regions and nasal aptenance were engorged with blood which suffused the subcutaneous layers, the former approximating the coloration of Albion's floral emblem, the latter that of the Prunus avium, or sweet cherry. His amusing sub- and supra-labials resembled nothing so much as a common loop knot, and their ambient hirsute facial adornment appeared like small, tabular and columnar crystals of frozen water.

Clenched firmly between his incisors was a smokingpiece whose gray fumes, forming a tenuous ellipse about his occiput, were suggestive of a decorative seasonal circlet of holly. His visage was wider than it was high, and when he waxed audibly mirthful, his corpulent abdominal region undulated in the manner of impectinated fruit syrup in a hemispherical container.

Without utterance and with dispatch, he commenced filling the aforementioned

hosiery with articles of merchandise extracted from his aforementioned previously dorsally transported cloth receptacle. Upon completion of this task, he executed an abrupt about-face, placed a single manual digit in lateral juxtaposition to his olfactory organ, inclined his cranium forward in a gesture of leave-taking, and forthwith affected his egress by renegotiating (in reverse) the smoke passage. He then propelled himself in a short vector onto his conveyance, directed a musical expulsion of air through his contracted oral sphincter to the antlered quadrupeds of burden, and proceeded to soar aloft in a movement hitherto observable chiefly among the seed-bearing portions of a common weed. But I overheard his parting exclamation, audible immediately prior to his vehiculation beyond the limits of visibility: "Ecstatic yuletides to the planetary constituency, and to that self-same assemblage my sincerest wishes for a salubriously beneficial and gratifyingly pleasurable period between sunset and dawn."

Date: Sun, 7 Dec 1997 16:36:53 -0500
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [32129] CQ NC7W/Who worked NC7W during ARCI Fall QSO Party?
Message-ID: <199712072135.QAB61626@mail1y-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Please let me know if you worked the NC7W UTAH CW ASSOCIATION call during the ARCI Fall QSO Party.

I'm trying to QSL UT for WAS QRP CW.

Thanks

72 Kevin N2T0
Brooklyn, NYC
kfglynn@prodigy.net

Date: Sun, 07 Dec 1997 17:16:15
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-l@Lehigh.EDU
Subject: [32130] SWL WM20 to 17M conversion
Message-ID: <3.0.1.16.19971207171615.238f1d8c@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy Gang,

After hearing all the great things said about 17 meters, I've been wanting to give it a try. It finally occurred to me that the easiest thing to do would be to convert my WM20 SSB rig to 17 Meters. So, I did.

It took a few hours to remove some turns from the coils, change some caps and retune it. I did have one problem, when the Tx bandpass filter was adjusted for best power out, it caused a 50 Khz shift in the frequency! Tuning the filter so the shift didn't happen resulted in low power out. So, I added a MAR-5 MMIC between the Tx mixer and the band pass filter amp. Now it tunes up nicely to 4 watts (CW) out. Oh, and the spot counter doesn't work right anymore. It reads about 18 Khz high at the one frequency I checked.

I recut the 30 Meter legs on my dipole for 17 and got it done just in time to hear a few stations. It's getting past sun down here so thier fading quick. Hopefully we can make a qso or two in the next few days to see how it works.

BTW, I told Dave I was going to do this, but these changes haven't been tested by him yet. If your the adventureus sort and would rathier 17 than 20, you can email me and I'll tell ya in detail what changes I made.

72,
Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Sun, 7 Dec 1997 17:45:17 -0500 (EST)
From: Francis Flynn <fflynn@together.net>
To: qrp-l@Lehigh.EDU
Subject: [32131] 2n2222 audio amp jpeg
Message-ID: <Pine.LNX.3.95.971207174212.15646A-100000@sea.shell.together.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I now have a jpeg of a hand drawn schematic of the
4 transistor, transformerless audio amp on my web page.

Look under "Ham Radio"

I'll add more schematics and clean this one up a bit as time permits.

73

<http://together.net/~fflynn>
Francis Flynn, fflynn@together.net
ARS:KM1Z

Date: Sun, 7 Dec 1997 18:34:56 EST
From: J0ppen6115 <J0ppen6115@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [32132] Heathkit IG-102 Sig. Gen. Help Pse.
Message-ID: <c623e89e.348b32a6@aol.com>
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi gang,
I recently aquired a used Heathkit model IG-102 RF Signal Generator, without the manual. This is the first signal generator I've used and the first one of this type I've seen so I have a few questions. I'd appreciate it if anyone familiar with this beast or similar generators could help me out.

For those not familiar with the unit, a brief description follows. The box has six knobs and two coaxial looking connectors. The two knobs on the left, arranged one over the other are connected together and to one of the connectors by a silkscreened line labelled "AF".

The middle two knobs set the frequency range and have a large vernier dial to adjust the frequency.

The right two knobs are silkscreened with a line connecting them to the other connector and labelled RF. One knob sets the coarse attenuation range and the other fine tunes the attenuation.

My questions follow:

1) There is a two position switch with one position labelled "ext mod" and the other "int mod, AF out". What does this do?

2) There are two coaxial (?) connectors on the front. One is labelled "external mod in/AF out" and the other "RF out". I understand the latter, but is the former for inputting an external modulation, and if so, why would one want to?

3) What kind of connectors are these? They have an external (male) thread, about 3/4" and an insulator with a small round button of solder-looking material in the middle. How can I hook up to these? My first instinct is to replace with BNCs. A sleeve from a PL-259 will screw on for about one thread before jamming.

4) What level of output can I expect from this on either RF or AF? I can't see anything on my scope on the RF side. I am not sure I am running the sig. gen. correctly though. Does it make AF and RF at the same time?

I saw a distorted sine wave on the scope on the AF side, but it didn't tune with the frequency adjust knob. It also was heard faintly on a speaker. Perhaps just picking up some hum. It did vary in intensity with the top left knob (which I assume to be an output level control) however.

5) What is the approximate output impedance? Is it important with a unit like this? The ARRL handbook doesn't seem to show any attempt to match impedance in their examples.

6) Anyone have instructions or schematic for this thing?

Anyway, if anyone can make sense of this and give me any help, I'd really appreciate it!

Thanks and 73,
John Oppen

Obligatory QRP: I'm hoping to use the AF portion to tune a resonant CW speaker and the RF to play with 2N2222 mixers. The computer based audio sig gen works pretty well, but I was hoping to use the Heath rather than redo the computer hookups to use it!

Date: Sun, 7 Dec 1997 18:43:20 -0500
From: Darrell Bellerive <Darrell_Bellerive@compuserve.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [32133] FS: Ten-Tec Argo 509
Message-ID: <199712071843_MC2-2B0A-E4D2@compuserve.com>
MIME-Version: 1.0

Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

For Sale:

TenTec Argonaut 509 QRP transceiver with:

- * Power cord
- * Photocopied Manual
- * Original Box.

In good condition. No modifications.

\$300 US. Open to offers.

Please respond by email to: Darrell_Bellerive@compuserve.com

Darrell Bellerive
VE7CLA

End of QRP-L Digest 932
